



Chemist

Department:	Wastewater	Rate of Pay:	\$37,000 - \$44,668
Location:	3113 Riverside Drive		
Shift:	Days	Hours:	Varies
Posting Date:	5/28/12	Closing Date:	6/04/12

SUMMARY

Works as part of a team to provide the necessary functions for the analysis of water, wastewater, and byproducts of the wastewater treatment process using approved regulatory methods.

JOB DUTIES

This list represents the types of duties required by the position. Other duties may be assigned as reasonably expected.

Performs analyses including: pH, BOD, suspended and total solids, ammonia, phosphorous, metals, cyanide, chlorine residual, alkalinity, fecal coliform, COD, total coliform, E.coli, DO, etc. Interprets results and uses troubleshooting to handle any problems or inconsistencies. Ensures that laboratory equipment is properly calibrated. Evaluates analysis techniques and results for accuracy using quality control standards. Cleans and maintains the lab and laboratory equipments. Provides accurate written and computer formulated data. Attends monthly safety meetings, scheduled seminars, and other meetings and training as necessary. Works closely with other City departments. Monitors the St. Joseph River, South Bend wells, and Organic Resource facility wells. Develops ideas to upgrade the quality of the lab. Collects and logs in municipal, river, and Organic Resource facility samples. Performs monthly safety inspections. Constantly evaluates the computer programs used for data manipulations and reporting. Updates procedures as necessary to insure accuracy and precision of results. Participates in a quality control and quality assurance program. Communicates information to ensure proper decision making for plant operations. Maintains inventories of required chemicals and supplies. Must interact with coworkers and public with tact and diplomacy.

EDUCATION AND EXPERIENCE

A four-year science degree or a two-year degree in combination with two years of laboratory experience.

KNOWLEDGE AND ABILITIES

Good computer skills using databases, spreadsheets, and the ability to learn any newly introduced programming. Excellent oral and written communication skills; ability to work under minimum supervision with a positive attitude in a team atmosphere. Frequently exposed to weather conditions, noise and atmospheric conditions that may have a hazardous effect on the skin and respiratory system. Requires daily lifting and carrying of materials weighing up to 60 pounds. Requires manipulations controlled by the arms and hand. Requires ability to differentiate color reactions.

LICENSE, CERTIFICATE OR REGISTRATION REQUIRED:

Valid Indiana Driver's License

DRUG SCREENING REQUIRED

CRIMINAL BACKGROUND CHECK

Apply no later than 6/04/12, City of South Bend, Human Resources, 227 W. Jefferson Blvd., 12th Floor, South Bend, IN 46601 or to apply online, go to www.southbendin.gov

Equal Opportunity Employer

All qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, disability, sexual orientation, gender, veteran status or genetic information.